

This is to certify that the following product(s) have been produced under the supervision of the Islamic Food and Nutrition Council of America (IFANCA). The production facility as well as component ingredients have been reviewed and approved. The product(s) are in compliance with the halal requirements under Islamic laws.

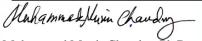
Date: November 08, 2021

Document #: 1366.13059.II210031

Company Name & Address: Emerald Kalama Chemical, LLC. 1296 Third Street Northwest Kalama, Washington 98625-9799 USA

Plant Name & Address: Emerald Kalama Chemical, LLC. 1296 Third Street Northwest Kalama, Washington 98625-9799 USA

| Product Name | Product Code | Halal-ID | Product Certificate # |
|--------------------------------------|----------------------|----------|-----------------------|
| 1. 3 Phenyl Propanol FCC | - | B26217 | HC-21EMDZ53 |
| 2. Aldehyde C10-N-Decyl Aldehyde FCC | - | B87062 | HC-21EMD159 |
| 3. Aldehyde C6-Hexanal FCC | - | B49146 | HC-21EMDE56 |
| 4. Aldehyde C8-Octyl Aldehyde FCC | - | A97480 | HC-21EMEP49 |
| 5. Amyl Cinnamic Aldehyde | - | B29046 | HC-21EMES54 |
| 6. Benzaldehyde FCC | | B52753 | HC-21EMDF57 |
| 7. Benzyl Acetate FCC | | A44215 | HC-21EMCO44 |
| 8. Benzyl Alcohol NF / FCC | - | B43297 | HC-21EMDQ55 |
| 9. Benzyl Benzoate USP / FCC | \sim \sim \sim | A10158 | HC-21EMUZ41 |
| 10. Cinnamic Alcohol FCC | _ | B12579 | HC-21EMEB51 |
| 11. Cinnamic Aldehyde FCC | - | B12306 | HC-21EMEG50 |
| 12. Hexyl Cinnamic Aldehyde | - | A50635 | HC-21EMBE46 |



Muhammad Munir Chaudry, Ph.D. President





This certificate is valid until November 30, 2022 and subject to renewal at that time.



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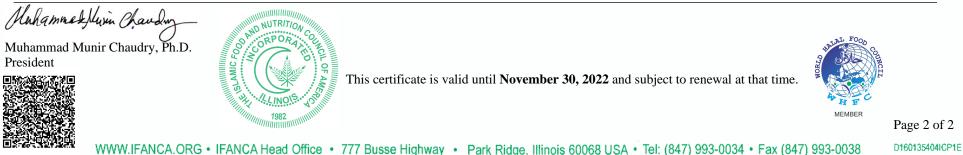
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| Product Name | Product Code | Halal-ID | Product Certificate # |
|--|--------------|----------|-----------------------|
| 13. K-Flex® 500 | - | A66981 | HC-21EMEV48 |
| 14. K-Flex® DE | | B12687 | HC-21EME252 |
| 15. K-Flex® DP | | A48852 | HC-21EMBL45 |
| 16. Methyl Benzoate FCC | | A51923 | HC-21EMB247 |
| 17. Methyl Cinnamic Aldehyde (MCA) FCC | - | A24611 | HC-21EMCU43 |
| 18. Potassium Benzoate FCC | | A12416 | HC-21EMC442 |
| 19. Sodium Benzoate NF / FCC | - | B57053 | HC-21EMD358 |
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